

SEQUENCE LISTING

<110> WOLFFE, Alan
 URNOV, Fyodor
 GUSCHIN, Dmitry
 COLLINGWOOD, Trevor
 LI, Xiao-Yong
 JOHNSTONE, Brian

<120> DATABASES OF REGULATORY SEQUENCES; METHODS OF MAKING AND USING SAME

<130> 8325-0015

<140> 09/844,501

<141> 2001-04-27

<150> 60/200,590

<151> 2000-04-28

<150> 60/214,674

<151> 2000-06-27

<150> 60/228,556

<151> 2000-08-28

<160> 24

<170> PatentIn Ver. 2.0

<210> 1

<211> 6

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Kpn 1 target
 site

<400> 1

ggtacc

6

<210> 2

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: adapter
 oligonucleotide

<400> 2

gcggtgaccc gggagatctg aattc

25

<210> 3

<211> 11
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: adapter
 oligonucleotide

 <400> 3
 ctagacttaa g 11

 <210> 4
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Bax
 gene-specific primer

 <400> 4
 gcccatcact gagaaatccc ttcc 24

 <210> 5
 <211> 27
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: adapter
 oligonucleotide

 <400> 5
 gcggtgaccc gggagatctg aattctt 27

 <210> 6
 <211> 25
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: adapter
 oligonucleotide

 <400> 6
 cgccactggg ccctctagac ttaag 25

 <210> 7
 <211> 60
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: adapter

oligonucleotide

<400> 7

tagaaggcac agtcgaggac ttatcctagc ctctgaatac tttcaacaag ttacaccott 60

<210> 8

<211> 66

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: adapter
oligonucleotide

<400> 8

aaaaaaaaatc ttccgtgtca gctcctgaat aggatcggag acttatgaaa gttgttcaat 60
gtggga 66

<210> 9

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:
adapter-specific primer

<400> 9

aggcacagtc gaggacttat ccta 24

<210> 10

<211> 122

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: insert
sequence

<400> 10

cgggectcgg tgtttttcggc tttttcctgg cccccggccc gccaggccgg gccctctgct 60
gcccgcgtgaa tgggaggggg ggcgggggtca cgtggcgggg ggaggggagg gccgtcgcga 120
tc 122

<210> 11

<211> 249

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: insert
sequence

<400> 11

```

ccgggcgcca aggggaagccg ggcgctgccc cctgctggcc aggttcgggc gcggcgccc 60
ggaggggcct cccctctctg gagagaattg aagggggtcc ggtgtggagc cccggctggc 120
tccgggctgg ggctgaccgg ctctgtgacc ttgggcaggt cactgcatct ctccaagcct 180
cagtttgcac gtctgtcaaa tagaggggca ttctctcact ttgcagggtc cctggaaata 240
agtgagatc                                     249

```

```

<210> 12
<211> 1042
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> Description of Artificial Sequence: accessible
        region sequence

```

```

<400> 12
gatcggagtt cgagaccagc ccggccaact ggtgaaaccc tgtctctact aaaaaaatac 60
aaaaggagtt cgagaccagc ccggccaact ggtgaaaccc tgtctctact aaaaaaatac 120
aaaaattagc tgggtgtggt ggtgcacgcc tgtcatccca gctacttggg aggctgagat 180
aggaattagc tgggtgtggt ggtgcacgcc tgtcatccca gctacttggg aggctgagat 240
aggagaatcg cttgaaccca ggaggggagg cagaggttgc agtgagccga gatggcgcca 300
ctgtgaatcg cttgaaccca ggaggggagg cagaggttgc agtgagccga gatggcgcca 360
ctgtactccg gcctgggcaa gagcaagact ccaaccaaaa aaaaaaaaaa aaagaactag 420
cagtactccg gcctgggcaa gagcaagact ccaaccaaaa aaaaaaaaaa aaagaactag 480
cagtgccccg ggctgtacac caggtgccag tactggcagc aattcttcca gttattgtga 540
tagagcccag ggctgtacac caggtgccag tactggcagc aattcttcca gttattgtga 600
tagattctca tgacgctaaa ataccactt tgttatttaa cccttgctaa tccacaatga 660
gttggtctca tgacgctaaa ataccactt tgttatttaa cccttgctaa tccacaatga 720
gttgccagggt accagaatcc tttgttacta accagaccag gctgttcatt cttgaacagc 780
attgccagggt accagaatcc tttgttacta accagaccag gctgttcatt cttgaacagc 840
attgggcatc actttgtttt aataattctt gtatgagaag agcactcttt tccttctgat 900
agcaggcatc actttgtttt aataattctt gtatgagaag agcactcttt tccttctgat 960
agcaatgttg ctccaactac tggctgatgt gagacggtac cggatgtggc tccaactact 1020
ggctgatgtg agacgggtacc gg                                     1042

```

```

<210> 13
<211> 12
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> Description of Artificial Sequence: adapter
        oligonucleotide containing a Sau 3AI-compatible
        end

```

```

<400> 13
gatcgaattc ag                                     12

```

```

<210> 14
<211> 8
<212> DNA
<213> Artificial Sequence

```

```

<220>

```

<223> Description of Artificial Sequence: adapter
oligonucleotide containing a Sau 3AI-compatible
end

<400> 14
cttaagtc

8

<210> 15
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: p16 forward
primer

<400> 15
aatagcacct cctccgagca

20

<210> 16
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: p16 reverse
primer

<400> 16
ccctgtccct caaatcctct g

21

<210> 17
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: p16 probe

<400> 17
acagcgcccc cttgcctgga aag

23

<210> 18
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Control
forward primer

<400> 18
gccccagagg gaaacacaa

19

<210> 19
 <211> 17
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Control
 reverse primer

 <400> 19
 cccccacccc cataagc 17

 <210> 20
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Control probe

 <400> 20
 cctccatggt ggtacccagc aagg 24

 <210> 21
 <211> 48
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: EPAS
 amplifier primer

 <400> 21
 ggatccggcc accgcgcccg cacgccaat agccctgaag actattac 48

 <210> 22
 <211> 44
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: EPAS
 amplifier primer

 <400> 22
 atgaattcgc ggccgccccca ctgggtattg gatctgcccc ccat 44

 <210> 23
 <211> 109
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: human VEGF

accessible region

<400> 23

atcagagaca ggctctgtct gccagctgtc tctccctcag ggctctgccg gactccacag 60
tgcatacgtg ggcttccaca ggtcgtctcc ctccggccac tgactaact 109

<210> 24

<211> 134

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: human VEGF
accessible region

<400> 24

catctgggggt tggggggggca gcaggaacaa gggcctctgt ctgccagct gcctccccct 60
ttgggttttg ccagactcca cagtgcatac gtgggtcca acaggctcct tcccccca 120
gtcactgact aacc 134